IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY PATENT APPLICATION TRANSMITTAL UNDER 37 CFR 1.53(b)

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Address to:	Attorney Docket No.	HSJ920030116US1					
Commissioner for Patents	Inventor(s)	Jen-Yuan Chang					
Mail Stop Patent Application P.O. Box 1450 Alexandria, VA 22313-1450	Assignee Name:	Hitachi Global Storage Technologies					
	Assignee Residence: Amsterdam, The Netherlar						
	Express Mail Label No.	EV331255176US					
	Total Pages	25					

Title of Application:

METHOD AND APPARATUS FOR DETERMINING MODULATED, AMPLITUDE RAMPING RRO HARMONICS IN MULTI-SCREW CLAMPED HDD DISK/SPINDLE **ASSEMBLY**

Transmitted with the patent application are the following:

- 1 Page(s) Transmittal form (plus one copy)
- 14 Page(s) Specification, claims, abstract
- 6 Page(s) Drawings
- 2 Page(s) Declaration and Power of Attorney
- 2 Page(s) Recordation Form Cover Sheet; Assignment of the Invention
- Acknowledgment postcard

This application is a: Continuation Divisional Continuation-in-Part of prior application Serial No.

Fee Calculation

	Claims Filed		Extra	Rate	Fees
Basic Fee					\$750.00
Total Claims	15	20 =	13	× \$18.00	00.00
Independent Claims	4	3 =	1	× \$84.00	84.00
Multiple Dependent Claim	 	L		+ \$260.00	
·	L			Assignment	\$ 40.00
*				TOTAL	\$874.00

The Commissioner is hereby authorized to charge \$874 to Deposit Account 502587 for fees required under 37 CFR 1.16 or 1.17.

EXPRESS MAIL CERTIFICATE

I hereby certify that the above paper/fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and is addressed to the Commissioner for Patents, Alexandria, VA 22313

Date of Deposit:

Person mailing paper/fee:

JULY 24, 2003 Jeanne Gahagan

Respectfully submitted,

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